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PTO/SB/05 (2/98)  
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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  
A

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No. 15311-2107

First Inventor or Application Identifier G.M. Wolrich et al.

Title Reduction of Add-Pipe Logic by Operand Offset Shift

Express Mail Label No. EM531938462US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1.  \* Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2.  Specification [Total Pages 29]  
(preferred arrangement set forth below)
  - Descriptive title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to Microfiche Appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
3.  Drawing(s) (35 U.S.C. 113) [Total Sheets 11]
4. Oath or Declaration [Total Pages 5]
  - a.  Newly executed (original or copy)
  - b.  Copy from a prior application (37 C.F.R. § 1.63(d))  
(for continuation/divisional with Box 17 completed)  
*[Note Box 5 below]*
5.  Incorporation By Reference (useable if Box 4b is checked)  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered to be part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

Continuation     Divisional     Continuation-in-part (CIP)

of prior application No: \_\_\_\_\_

Prior application Information: Examiner \_\_\_\_\_

Group / Art Unit: \_\_\_\_\_

## 18. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or  Correspondence address below

Name	Joseph H. Born Cesari & McKenna, LLP				
Address	30 Rowes Wharf				
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Country	US	Telephone	(617) 591-2500		Fax (617) 591-3927

Name (Print/Type) Joseph H. Born

Registration No. (Attorney/Agent) 28,283

Signature

Date 03/13/98

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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# FEE TRANSMITTAL

Patent fees are subject to annual revision on October 1.

These are the fees effective October 1, 1997.

Small Entity payments must be supported by a small entity statement; otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT (\$ 790.00)

## Complete If Known

Application Number	
Filing Date	March 13, 1998
First Named Inventor	Gilberte M. Wolrich et al.
Examiner Name	
Group / Art Unit	
Attorney Docket No.	15311-2107

## METHOD OF PAYMENT (check one)

1.  The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 03-1237  
Deposit Account Name \_\_\_\_\_

Charge Any Additional Fee Required Under 37 C.F.R. §§ 1.16 and 1.17       Charge the Issue Fee Set in 37 C.F.R. § 1.18 at the Mailing of the Notice of Allowance

2.  Payment Enclosed:

Check     Money Order     Other

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
101	790	Utility filing fee	790
108	330	Design filing fee	
107	540	Plant filing fee	
108	790	Reissue filing fee	
114	150	Provisional filing fee	
SUBTOTAL (1) (\$)			790.00

## 2. EXTRA CLAIM FEES

Total Claims	-20** =	0	X	22	=	0	Fee from below	Fee Paid
Independent Claims	- 3** =	0	X	82	=	0		
Multiple Dependent								

\*\* or number previously paid, if greater; For Reissues, see below

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description
103	22	Claims in excess of 20
102	82	Independent claims in excess of 3
104	270	Multiple dependent claim, if not paid
109	82	** Reissue independent claims over original patent
110	22	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) (\$ 0)		

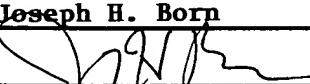
## 3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105	130	Surcharge - late filing fee or oath	
127	50	Surcharge - late provisional filing fee or cover sheet	
139	130	Non-English specification	
147	2,520	For filing a request for reexamination	
112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	Requesting publication of SIR after Examiner action	
115	110	Extension for reply within first month	
118	400	Extension for reply within second month	
117	950	Extension for reply within third month	
118	1,510	Extension for reply within fourth month	
128	2,080	Extension for reply within fifth month	
119	310	Notice of Appeal	
120	310	Filing a brief in support of an appeal!	
121	270	Request for oral hearing	
138	1,510	Petition to institute a public use proceeding	
140	110	Petition to revive - unavoidable	
141	1,320	Petition to revive - unintentional	
142	1,320	Utility issue fee (or reissue)	
143	450	Design issue fee	
144	670	Plant issue fee	
122	130	Petitions to the Commissioner	
123	50	Petitions related to provisional applications	
128	240	Submission of Information Disclosure Stmt	
581	40	Recording each patent assignment per property (times number of properties)	
146	780	Filing a submission after final rejection (37 CFR 1.129(e))	
149	790	For each additional invention to be examined (37 CFR 1.129(b))	
Other fee (specify) _____			
Other fee (specify) _____			

\* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0)

## SUBMITTED BY

Typed or Printed Name	Joseph H. Born	Reg. Number	28,283
Signature		Date	03/13/98
Deposit Account User ID			

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PATENTS  
15311-2107

JCB41 U.S. pro  
09/0424/17  
03/13/99



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In Re The Application of: )  
Gilbert M. Wolrich et al. )  
Serial No.: Not Yet Assigned ) Examiner: Not Yet Assigned  
Filed: March 13, 1997 ) Art Unit: Not Yet Assigned  
For: Reduction of Add-Pipe Logic by Op- )  
erand Offset Shift )  
Cesari and McKenna, LLP  
30 Rowes Wharf  
Boston, MA 02110  
March 13, 1998

**CERTIFICATE OF EXPRESS MAILING**

"Express Mail" Mailing-Label Number: **EM531938462US**

I hereby certify that the following Patent Application (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service pursuant to 37 C.F.R. §1.10 in an envelope addressed to the Assistant Commissioner for Patents, BOX: PATENT APPLICATION, Washington, D.C. 20231, on March 13, 1998.

Herbert Glover, Jr.